

1. PRODUCT INFORMATION

PRODUCT NAME	Cafco FENDOLITE® MII
MARKETED AND MANUFACTURED BY	Promat International (Asia Pacific) Ltd.
INTENDED USES	Spray applied, single package factory controlled premix powder for fire protection applications in structural steel, tunnels and underground structures.

2. COMPOSITION

HAZARDOUS INGREDIENTS	CAS	EINECS	Symbols/Risk phrases
Ground limestone, whiting	1317-65-3		
Portland cement	65997-15-1		Xi; R38 Xi; R41 Xi; R43
Mica	12001-26-2		

3. HAZARDS IDENTIFICATION

Irritating to skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.

4. FIRST AID MEASURES

SKIN CONTACT	Irritating to skin. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.
EYE CONTACT	Irritating to eyes. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
INHALATION	Irritating to respiratory system. Move to fresh air. Consult a physician after significant exposure.
INGESTION	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Consult a physician if necessary. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
SPECIFIC HAZARDS	Not combustible.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Avoid breathing dust. Ensure adequate ventilation. Use personal protective equipment.
ENVIRONMENTAL PRECAUTIONS	Do not let product enter drains. Prevent further leakage or spillage.
CLEAN UP METHODS	Sweep up and shovel into suitable containers for disposal. After cleaning, flush away any remnant traces with water.

7. HANDLING AND STORAGE

HANDLING	Avoid contact with skin and eyes. Ensure adequate ventilation or exhaust ventilation in the working area. Handle in accordance with good industrial hygiene and safety practice.
STORAGE	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS		
Marble respirable	WEL 8 hours limit ppm: – WEL 15 minutes limit ppm: –	WEL 8 hours limit mg/m ³ : 4 WEL 15 minutes limit mg/m ³ : –
Portland cement respirable dust	WEL 8 hours limit ppm: – WEL 15 minutes limit ppm: –	WEL 8 hours limit mg/m ³ : 4 WEL 15 minutes limit mg/m ³ : –
Mica respirable	WEL 8 hours limit ppm: – WEL 15 minutes limit ppm: –	WEL 8 hours limit mg/m ³ : 0.8 WEL 15 minutes limit mg/m ³ : –
ENGINEERING MEASURES	Ensure adequate ventilation, especially in confined areas.	
RESPIRATORY PROTECTION	Dust mask approved to EN 149:2001 FFP1.	
HAND PROTECTION	PVC or other plastic material gloves.	
EYE PROTECTION	Goggles.	
SKIN AND BODY PROTECTION	Dust impervious protective suit.	

9. PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION	Powder
COLOUR	Light grey

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions.
MATERIALS TO AVOID	Acids.
HAZARDOUS DECOMPOSITION PRODUCTS	None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION	Ground limestone, whitening	Oral Rat LD50 = 5001mg/kg
ACUTE TOXICITY		Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.
PRIMARY IRRITATION		Causes skin and eye burns.
SENSITISATION		May cause sensitisation by skin contact.
REPEATED OR PROLONGED EXPOSURE		Prolonged skin contact may cause skin irritation and/or dermatitis.

12. ECOLOGICAL INFORMATION

No data is available on this product.

13. DISPOSAL CONSIDERATIONS

Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

The product is not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

LABELLING	The product is classified in accordance with Directive 1999/45/EC. The product is classified in accordance with Annex VI to Directive 67/548/EEC.
SYMBOLS	✘ _i (Xi - Irritant)
RISK PHRASES	R38 Irritating to skin. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact.
SAFETY PHRASES	S24 Avoid contact with skin. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection.

16. OTHER INFORMATION

TEXT OF RISK PHRASES IN SECTION 2	R38 Irritating to skin. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact.
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The information supplied in this Material Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best available knowledge and belief at the date of publication. However, no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. For further technical information, please consult your nearest Promat Sprays Division office.

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